

USHKOV, D. N.

Orfograficheskiy slovar' (Orthographic dictionary) dlya nachal'noy i srednej,
shkoly (by) D. N. Ushakov i S. Ye. Kryuchkova. izd. 9. Moscow, Uchpeulgiz, 1953
190 p.

N/5
376.204
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1953

Concentration of Belousovsk ores. I. M. Aliksev and
D. S. Ishkayev. *Gorno Gospodarstvo Zhd.* No. 1, 10-13
(1967). The Belousovsk deposits are some of the largest
in the Altai Mountains amounting to about 12 million tons
and contg. Cu 2.35, Pb 1.81 and Zn 8.30%. They can be
divided into the following 5 classes: (1) Cu 6, Zn 3.5,
Fe 10, Pb 0.08%; (2) Zn 16, Cu 2, Pb 1.8, Fe 10%; (3)
Zn 8, Cu 2, Pb 1.8, Fe 10.20%; (4) Cu 2, Zn 8, Pb 1.8,
Fe 10%; (5) disseminated Cu deposits rich in Cu but
contg. insignificant amts. of Zn and Pb. The ores also
contain 3-4% barite and small amts. of noble metals.
Owing to the complexity of the ores, various concen.
schemes were employed. The method adopted consists of
collective flotation followed by selective flotation of the
main concentrate. The Cu-Pb concentrate had Cu 0.80,
Pb 40.71, Zn 13.08 and Fe 11.25%. The Zn concentrate
had Cu 1.82, Pb 2.80, Zn 52.21 and Fe 8.35%. Expts.
are being conducted to sep. the Cu and Pb from the Cu-Pb
concentrate and to increase the extr. of Cu and Pb from
the middlings. B. Z. Kurnich

USHKOV, F. V.

Slag cement

Investigation of temperature and moisture of walls made of slag cement blocks with slag filler under conditions of high humidity. Konstr. i mat. no. 7, 1950.

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.

1. USHKOV, F. V.; IZHEVSKAIA, G. M.
2. USSR (600)
4. Hollow Brick, Tile, Etc.
7. Hollow ceramic stone blocks for walls. Biul. stroi. tekhn. 9 no.23 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

USHKOV, F.V., kandidat tekhnicheskikh nauk; SHKLOVER, A.M., kandidat tekhnicheskikh nauk, redaktor.

[Research on the thermotechnical properties of walls made of three-layer reinforced-concrete panels] Issledovanie teplotekhnicheskikh svoistv sten iz trekhskloinykh zhelezobetonnykh panelei. Pod red. A.M. Shklovera. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1953. 58 p. (MIRA 6:10)
(Reinforced concrete) (Walls)

1. USHKOV, F. V., IZHEVSKAIA, G. M.
2. USSR (600)
4. Tile Construction
7. Hollow ceramics and their use in the construction of building walls, Stek. i ker., 10, No. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

KASHIRSKIY, A.A.; USHKOV, F.V.; IZHEVSKAYA, G.M.

On the heat insulation qualities of hollow ceramic bricks. Gor.khoz.
Mosk. 28 no.4:9-15 Ap '54.
(Hollow bricks) (MLRA 7:6)

USHKOV, F.V.; IL'INSKIY, V.M.redaktor; KONYASHINA, A., tekhnicheskiy
redaktor.

[Method of calculating dampness of external parts of buildings]
Metod rascheta uvlazhneniya ogranzhdaiushchikh chastei zdanii.
Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR,
1955. 103 p. (MLRA 8:8)
(Dampness in buildings)

SHKLOVER, Aron Mikhaylovich; VASIL'YEV, Boris Fedorovich; USHKOV, Fedr
Vasil'yevich; KAUFMAN, B.N., kandidat tekhnicheskikh nauk, nauchnyy
redaktor; BORODINA, I.S., redaktor izdatel'stva; PERSON, M.N.,
tekhnicheskiy redaktor

[Principles of heat engineering as applied to construction] Osnovy
stroitel'noi teplotekhniki zhilykh i boshchestvennykh zdanii. Moskva,
Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 349 p.(MLRA 9:11)
(Heat engineering)

USHKOV, F. V.

URSS

BASILAY, K. I. - "Dimensional tolerances of heavy elements" (Session IV)
BILIZINA, Ye. I. - "Research on conditions of work and ultimate state of steel frames of industrial buildings" (Session II)
BOGDANOV, O. Ya. - "Research on the concrete strength theory" (Session II)
BOGDANOV (fmu) (probably Nikolay N. Bogdanov) and KELISOV (fmu) - "General regulations adopted in the 'Instructions on design, erection and maintenance of flat roofs in the USSR' and the result of recent investigation of flat roof structures in the USSR" (Session VI)
BORISHANSKIY, M. S. - "Resistance of reinforced concrete members to the effect of transverse forces" (Session II)
GOZDEK, A. A., Prof. Dr. - "Present state and problems of design of building structures" (Session II)
ELUZSTOV, Grigory F., Prof. - "Eastern European experience" (Session IV)
HOROZOV, N. V., and URGOV, V. V. - "Problems of joining heavy elements in precast dwellings" (Session IV)
MURASHOV, V. I., Prof. Dr. - "Resistance to cracking and stiffness of reinforced concrete members" (Session III)
OVSTANIKH, V. I., Prof., President of Session II; also scheduled to present a paper in Session IX, title not given. Member of the Steering Committee for the Congress.
REBANTYR, Aleskev R., Prof. Dr. - "Design of carrying capacity of slabs and shells by the limit balance method" (Session II)
SHACHT, P. P., GALTSEVA, G. A., Prof. Dr., and PETROV, D. A. - "Stability of multi-story buildings of heavy elements" (Session IV)

reports to be submitted for the 2nd. Congress and Third General Assembly, Int'l. Council for Building Research, Studies and Documentation, Rotterdam, Netherlands, 21-25 Sep 1959.

MOROZOV, N.V., kand.tekhn.nauk; USHKOV, F.V., kand.tekhn.nauk;
NIKOL'SKIY, V.N., kand.tekhn.nauk; SPIVAK, N.Ya., kand.
tekhn.nauk; TSIMBLER, V.G., inzh.; STRASHNYKH, V.P.,
red.izd-va; ABRAMOVA, V.M., tekhn.red.

[Instructions for designing, manufacturing, and using wall
panels in the construction of apartment houses and public
buildings] Uказания по конструированию, изготавлению и
применению стековых панелей в строительстве жилых и
общественных зданий. Москва, Гос.изд-во лит-ры по строит.,
архит. и строит. материалам, 1961. 149 p.

(MIRA 15:2)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut
stroitel'noy fiziki i ogranazhdayushchikh konstruktsiy.
(Precast concrete construction) (Walls)

USHKOV, F., kand.tekhn.nauk; SHIKUNOV, I., inzh.

Device for testing air and water tightness of joints in
large-panel buildings. Zhil. stroi. no.9:31 '62. (MIRA 16:2)
(Testing machines) (Buildings—Details)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3

USHKOV, F.V., kand.tekhn.nauk; KHUAN FU-CHI [Huang Fu-ch'ih], aspirant

Coefficients of moisture transfer for building materials. Stroi.
mat. 8 no.12:27-29 D '62. (MIRA 16:1)
(Building materials--Testing)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

SPIVAK, N.Ya., kand. tekhn. nauk; USHKOV, F.V., kand. tekhn. nauk;
UMNYAKOV, P.N., kand. tekhn. nauk; TACHKOVA, N.A., inzh.

Heat conductivity of keramzit concrete. Bet. i zhel.-bet. 9
no.3:137-140 Mr '63. (MIRA 16:4)

(Keramzit)
(Lightweight concrete--Thermal properties)

USHKOV, F.V., kand. tekhn. nauk; KHUAN FU-CH'AI [Huang Fu-ch'ih], aspirant

New method of determining the thermal gradient coefficient of
moisture transport in building materials. Stroi. mat. 9 no.7:
35-36 Jl '63. (MIRA 16:11)

SPIVAK, Natan Yakovlevich; USHKOV, F.V., kand. tekhn. nauk,
nauchn. red.; BORODINA, I.S., red.

[Large-panel enclosing elements of lightweight concrete
with porous aggregates] Krupnopanel'nye ograzhdaiushchie
konstruktsii iz legkikh betonov na poristykh zapolniteliakh.
Moskva, Stroizdat, 1964. 222 p. (MIRA 17:6)

BYKOV, Mikhail Aleksandrovich, kand. tekhn. nauk; USHKOV, F.V.,
kand. tekhn. nauk, nauchn. red.

[Calculation of temperature and humidity conditions of
livestock barns] Raschet temeperaturno-vlazhnostnogo re-
zhima zhivotnovodcheskikh zdanii. Moskva, Stroizdat,
1965. 139 p. (MIRA 18:7)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3

WANG, Y., CHEN, J.H.

Heat conductivity of porous building materials considering
moisture phase changes. Reach. Brady AKH no.31:336-145 '64.
(NIRA 18:9)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

VAYNER, Sh.A., Izak., RANIPERG, S.A., Izak., VAYNER, S.A., Izak., SHKURKO,
M.P., Izak., SUKHN, V.M., Izak., PODVAREKIN, L.A., Izak.,
USOLYANOV, V.A., Izak., KUCHOV, G.G., Izak.

The FOS-1m automatic gas cutting machine. Svar. protiv.
no. 4233-40 Ap 165. (MERA 18;6)

GORSKOV, V.K.; MYSLIVTSEV, I.V.; USHKOV, I.A.; ZHILKIN, N.K.

Controlling the state of the hearth inwall in an operating
blast furnace. Stal' 25 no.4:306-308 Ap '65.
(MIRA 18:11)

1. Metallurgicheskiy zavod "Svobodnyy Sokol" i Lipetskiy
fakul'tet Moskovskogo instituta stali i splavov.

USHakov, L. P.

✓ Distillation of Zr from ZrO_2 in vacuum. J. F. Lichens
M. P. Johnson, Jr., V. S. Sivashkin. U.S.P. 3,610,084.
Mar. 29, 1971. The app for removing Zr from ZrO_2 consists
of a reaction receiver equipped with a pump connected to the
bottom of the reactor and discharging at a level above the
molten mass. The pump can be either internal or outside
the reactor. In operation the pump draws the molten metal
from the bottom after it is melted with Zn and keeps it
above the metal level - thus facilitating distillation.

M. I. B. - 8

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CIA-RDP86-00513R001858130002-3

USHKOV, L.P.

Pilot plant in the All-Union Research Institute of Nonferrous
Metallurgy. TSvet.met. 34 no.9:86 3 '61. (MIRA 14:10)
(Metallurgical research) (Nonferrous metals—Metallurgy)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

IVANOV, K.I.; GOYEV, V.N.; USHKOV, N.N.; YARMAK, M.F.

Study of rock breaking in percussion drilling. Vzryv. delo no.46/3:
21-28 '61. (MIRA 15:1)
(Boring)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3

BELOV, A.I.; IVANOV, K.I.; KLOC~~KO~~, N.A.; SIDOROV, S.P.; USHKOV, N.N.;
YARMAK, M.F.

Ways of improving bits for BA-100 air percussion drilling rigs.
Vzryv. delo no.46/3:232-238 '61. (MIRA 15:1)
(Boring machinery)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

IVANOV, Konstantin Ivanovich; USHKOV, Nikolay Nikolayevich; YARMAK
Mikhail Fedorovich; GOYEV, Vadim Nikitich; TARASOV, L.Ya.,
otv. red.; PARTSEVSKIY, V.N., red.izd-va; SABITOV, A.,
tekhn. red.

[Boring holes in underground mining of ores] Burenie shpurov
i skvazhin pri podzemnoi dobyche rud. Moskva, Gosgortekh-
izdat, 1963. 130 p. (MIRA 16:9)

(Boring)

BULATOV, Viktor Fedorovich; USHKOV, N.N., retsenzent; PARTSEVSKIY,
V.N., red.izd-va; MAKSIMOVA, V.P., tekhn. red.;
KONDRAT'YEVA, M.A., tekhn. red.

[Boring machine operator in underground mining] Mashinist
burovykh stankov na podzemnykh gornykh rabotakh. Moskva,
Gosgortekhizdat, 1963. 147 p. (MIRA 16:12)
(Boring machinery) (Mining engineering)

ACCESSION NR: AP3010673

S/0241/63/008/010/0048/0050

AUTHOR: Fedorov, I. I. (Docent, Chief of Dept. of Roentgenology and Radiology); Ushkov, N. P.
TITLE: Radiation bone injuries at later dates after roentgen therapy

SOURCE: Meditsinskaya radiologiya, v. 8, no. 10, 1963, 48-50

TOPIC TAGS: radiation therapy, radiation bone injury, roentgen therapy, later date bone injury, hip bone, pubic bone, bone tissue damage

ABSTRACT: Two cases of female patients treated with roentgen therapy and who suffered bone injuries at later dates are described. In the first case the patient, 54 yrs old, was X-irradiated for first stage carcinoma of the uterine body. A year later a compression fracture of the left femur collar was discovered. Five years later the patient had a fractured right anterior pelvic semi-ring and then after four more years had a subtrochanterial fracture of the right femur. In the second case the patient, 47 yrs old, was treated with combined radiation therapy for second stage carcinoma of the cervix.

Card 1/2

ACCESSION NR: AF3010673

She received 3 additional treatments during the following 3 yrs. Four years later the patient was hospitalized for an oblique fracture of the right pubic bone, a year later a pathological fracture of the right ischium was discovered, and in 2 more years the patient died. In both cases radiation damage of the skin and other organs was observed in addition to the bone injuries. Other studies in the literature confirm these data. The authors recommend that after roentgen therapy any pains in the pelvis or hip should be carefully checked. Orig. art. has: 1 figure.

ASSOCIATION: Kafedra rontgenologii i meditsinskoy radiologii Chernovitskogo meditsinskogo instituta (Dept. of Roentgenology and Radiology of the Chernovitskiy Medical Institute)

SUBMITTED: 01Feb63

DATE ACQ: 08Nov63

ENCL: 00

SUB CODE: AM

NO REF Sov: 007

OTHER: 010

Card 2/2

FEDOROV, I.I., U.S.S.R., N.P.

Congenital defects in the development in the bones of the forearm.
Vest. rent. i rad. 3° no.4:75-76 Jl-Ag '64. (MIRA 18:7)

1. Kafedra rentgenologii i meditsinskoy radiologii (zav. - dotsent
I.I.Fedorov) Chernovitskogo meditsinskogo instituta.

USHKOV, S. [author]; SKALON, V.N., professor (Irkutsk) [reviewer].

Forest sketches ("In a national forest." S.Ushkov. Reviewed by V.N.Skalon).
Priroda 42 no.9:126 S '53. (MLDA 6:8)

(Natural history) (Ushkov, S.)

USHKOV, S. .

V zapovednom lesu [In a forest reserve]. Moskva, Cheliabinskoe oblastnoe izd-vo, 1952. 64 p
SO: Monthly List of Russian Accessions, Vol 6 No 8 November 1953

USHKOV, S.L. [deceased]

Migrations of roe deer in the Southern Urals. Biul. MOIP. Otd. biol.
59 no. 5:9-12 5-0 '54. (MLRA 8:1)
(Ural Mountain region--Roe deer)

NIKOLAYEV, A.F.; USHKOV, S.N.; ROZENBERG, M.E.

Polymerization and copolymerization of N-vinyl compounds. Report No.4:
Polymerization of vinylphthalimide. Izv. AN SSSR, Otd. khim. nauk
no.8:968-972 Ag '58. (MIRA 11:10)

1. Leningradskiy tekhnologicheskiy institut im. Lensoveta.
(Polymerization) (Phthalimide)

L 15181-66 EWT(m)/EWP(w)/T/EWP(t)/EWP(b)
ACC NR: AP6002667

TIP(c) JD

SOURCE CODE #0126/65/020/006/0868/0874

AUTHOR: Ushkov, S. S.

ORG: none

TITLE: Effect of phase recrystallization on the structure and mechanical properties
of single-phase titanium alloys in cast state

SOURCE: Fizika metallov i metallovedeniya, v. 20, no. 6, 1965, 868-874

TOPIC TAGS: metal recrystallization, titanium alloy, phase analysis, crystal lattice
structure

ABSTRACT: When heated, Ti undergoes polymorphic transformation. At 882°C its α -phase
lattice changes to a body-centered cubic lattice of the β -phase without involving any
change in the size and shape of grains. It is assumed, however, that in real poly-
crystalline specimens of Ti alloys this principle of the correspondence of crystal
geometries is not rigorously satisfied by virtue of both the purely probabilistic
deviations from definite patterns of $\alpha \rightarrow \beta$ transition and the effect of various fact-
ors initiating the formation of new-phase nuclei with a random orientation (grain
boundaries, foreign inclusions). If the sectors of new orientation are sufficiently
stable, subsequent reheatings should increase their number in the β -region and, at
the same time, the original intragranular texture must disappear. In this connection,

Card 1/2

UDC: 548.53

L 15181-66

ACC NR: AP6002667

the author investigated the validity of the theory of the invariability of the structure of single-phase (alpha) Ti alloys in the process of phase recrystallization.^{3,4,} Specimens taken from the equiaxial zone of an ingot of Ti-Al-V alloy with a content of alloy elements within the limits of their solubility in the α -phase of Ti (3.5-4% Al and 1.7% V) were heat-treated. The temperature of completion of the $\alpha \rightarrow \beta$ transition of this alloy is 960-970°C. In individual instances the experiments were repeated on the alloys Ti-4% Al-1.7% V-0.01% B and Ti-4% Al with the object of verifying the obtained findings. Findings: following heating to the β -region (above 960-970°C) the original structure is not retained. The principle of geometric correspondence of lattices during $\alpha \approx \beta$ transition is not rigorously satisfied, so that the intragranular textured aggregates -- subgrains -- undergo disorientation. Heat treatment (quenching from β -region, at a temperature close to the temperature of the completion of $\alpha \rightarrow \beta$ transition) can improve the mechanical properties of titanium alloys in cast, extreme-
ly coarse-grained state. Orig. art. has: 5 figures, 1 table.

SUB CODE: 11, 20/ SUBM DATE: 01Dec64/ ORIG REF: 009/ OTH REF: 003

Card 2/2
2mt

USHKOV, Yu.D.

Making mathematical models of ball mills for wet comminution. TSvet.
(MIRA 17:1)
met. 36 no.11:8-15 N '63.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3

USHKEVICH, Yu. G.

Construction of a simplified mathematical model of a classifier.
Izv. vuz. mat. 31 no.1288-13 P. 101 (MIRA 1882)

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CIA-RDP86-00513R001858130002-3"

USHKOVA, E. A.

Distr³ 4E2b(b)/4E2b(v)/4E2c(m)/4E2d(b)/4E2d(v)/4E3a(w)/4E3c 2 cys

Kinetics of the decomposition of amalgams of sodium and potassium in the presence of some organic compounds. G. N. Sliukina, E. A. Ushkova, M. G. Smirnova, and V. A. Smirnov. Nauch. Raboty Stud. Khim.-Tekhnol. Fak., Novocherkassk Politekh. Inst. im. S. Ordzhonikidze 1959, No. 7, 31-8; cf. Trudy Novocherkassk. Politekh. Inst. 1959, No. 65, 140.--Mixts. contg. NaOH or KOH, the corresponding metal amalgam, and a reducible org. compd. are studied to det. the effect of the nature of the org. compd. and the effect of the nature of the metal of the amalgam on the rate const. for the process of the decompn. of the amalgam. Glucose, HCHO, and MeCOEt are studied. In all cases a straight line is obtained when \sqrt{C} (C = concn. of amalgam in moles of metal/l. Hg) is plotted against time in sec. Deviation from the straight line occurs at the end of the reaction. Into a closed jacketed glass bottle, cooled by circulating H_2O , 250 ml. 1.0N alkali hydroxide contg. 0.25 mole/l. of org. compd. is poured. Three samples are withdrawn, 20 ml. amalgam (concn. 3 mole metal/l. Hg) is added, and electromagnetic stirring at 250 r.p.m. begun. At intervals alkali samples are titrated with 1.0N H_2SO_4 . Amalgams are prep'd. electrochem. From a previous article

by Smirnov (loc. cit.) comes the equation $r = [2V_{\text{am}}\sqrt{C_{\text{Hg}}}]/K_{\text{decomp}} C'_{\text{Hg}}(\sqrt{C^{\circ}_{\text{Hg}}} - \sqrt{C_{\text{Hg}}})$, where r = time of decompn. of amalgam in sec., V_{am} = vol. of amalgam in l., C_{Hg} = concn. of metal hydroxide, C'_{Hg} = surface concn. of org. compd., and K_{decomp} = rate const. of the decompn. of the amalgam. $K_{\text{decomp}} = (1/F)\exp((F/2RT)(A_{\text{red}} - E^{\circ}_{\text{Hg}}))$, where A_{red} = redn. potential of the org. compd. on Hg or amalgam electrode at $I_A = 1.0$ amp./sq. cm., measured in a 1.0N soln. of ions of the metal forming the amalgam, which soln. also contains 1 mole/l. of org. compd., and $E^{\circ}_{\text{Hg}} = 1.8445$ v. for Na amalgam and 1.8099 v. for K. Rate consts. calcd. from exptl. data for Na amalgam are 32.5×10^{-7} for HCHO, 1.78×10^{-7} for glucose, and 1×10^{-7} for MeCOEt. For K amalgam these consts. are 53.3×10^{-7} , 3.88×10^{-7} , and 2.44×10^{-7} , resp. The increase in rate const., e.g., on going from Na to K amalgam with the same org. compd. is detd. by the equation $(K_{\text{decomp}})_K/(K_{\text{decomp}})_Na = \exp((F/2RT)(K_A E^{\circ}_{\text{Hg}} - K_B E^{\circ}_{\text{Hg}}))$. The theoretical value of this ratio of rate consts. is 1.03. The exptl. values are 1.61 for HCHO, 2.18 for glucose, and 1.71 for MeCOEt.

Eurilla Mayer

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CIA-RDP86-00513R001858130002-3

ZVER'KOVA, F.A.; USHKOVA, M.N.; KARAKULINA, L.P.

"Skin diseases in children" By E.I. Gurvich, M.I. Olevskii. Reviewed
by F.A. Zver'kova, M.N. Ushkova, L.P. Karakulina. Vest. derm. i ven.
33 no.2:85-87 Mr-Ap '59. (MIEA 12:7)
(SKIN--DISEASES) (CHILDREN--DISEASES) (GURVICH, E.I.)
(OLEVSKII, M.I.)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

GLAZUNOV, V.N.; IVANOV, K.I.; KLOCHKO, N.A.; KUDRYA, N.A.; USHKOV, N.N.

Foreign tools for drilling slim holes. Gor.zhur. no.8:39-42
Ag '62. (MIRA 15:3)
(Boring machinery)

USHKOVA, T. V.

3(3,7)

PHASE I BOOK EXPLOITATION

SOV/1731

Leningrad. Glavnaya geofizicheskaya observatoriya

Voprosy klimatologii (Problems in Climatology) Leningrad, Gidrometeoizdat
1958. 66 p. (Series: Its Trudy, vyp. 84) 1,300 copies printed.

Sponsoring Agency: USSR. Glavnoye upravleniye gidrometeorologicheskoy
sluzhby

Ed. (title page): O.A. Drozdov, Doctor of Geographical Sciences; Ed.
(inside book): T.V. Ushkova; Tech. Ed.: A.N. Sergeyev

PURPOSE: This collection of articles is intended for research workers
engaged in the fields of climatology, hydrology and geography.

COVERAGE: The publication contains 5 articles dealing with such problems
as humidity transfer, macrodiffusion and the interlatitudinal
transfer of heat. Study of the macroturbulent exchange is a pre-
requisite for the computation of the actual transfer of humidity

Card 1/3

Problems in Climatology

SOV/1731

within cyclic periods of several days and longer. The analysis of the secular curve for the meridional temperature gradients makes it possible to evaluate the relation between the secular path of temperature, precipitations, and the velocity of wind for European USSR and for Western Siberia, and to trace this relation in the past up to the beginning of the 19th century. The articles are elucidated by maps, tables and diagrams. Bibliographic references accompany each article.

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Card 2/3

Problems in Climatology

SOV/1731

Drozdov, O.A. Relationship Between the Various Aspects of
Climatic Changes

24

Sorochan, O.G. Climatic Features of Summer Monsoon in the
Far East

44

AVAILABLE: Library of Congress

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5-21-59

Card 3/3

10-4390

32659
S/126/b1/012/005/019/028
E073/E535

AUTHORS: Arkharov, V.I., Gerasimov, A.F. and Ushkova, T.V.
TITLE: On high temperature oxidation of niobium
PERIODICAL: Fizika metallov i metallovedeniye, v.12, no.5, 1961,
761-763

TEXT: The authors investigated the oxidation of metallic niobium in air in the temperature range 700 to 1200°C. The kinetic measurements were made by the method of continuous weighing; the phase composition of the products of oxidation were determined by means of X-rays, "with Fe-K_α-radiation by the Debye method using cylindrical and flat specimens. The kinetic measurements confirmed the results obtained earlier by W. Klopp, C.T. Sims and R. J. Jaffee (Ref.4: J. Trans. ASM, 1959, 51, 282) on the linear increase of scale and the anomaly of the oxidation speed at 800°C. According to Klopp et al., this anomaly may be due to the geometry of the specimen, to differences in the air humidity from one test to another and to sintering of the scale at high temperatures. The authors of this paper studied the kinetics of oxidation on specimens of various shape, applying various air

X

Card 1/2

On high temperature oxidation ...

S/12

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12/005/019/028

humidities. It was found that these factors do not have any appreciable influence on the character and distribution of the kinetic curves: in all cases a larger weight increment was observed at 800°C than at 1000 and 1100°C. Since above 800°C $\alpha \rightarrow \beta$ transformation takes place, the slowing down in the oxidation of niobium in air and oxygen above this temperature is more likely to be due to polymorphous transformation. The α -modification is metastable and in the transition temperature range (800 to 900°C) its lattice is distorted and, consequently, diffusion through it is easier. However, diffusion through the lattice of the stable β -modification is slower and therefore there will be a considerable drop in the speed of oxidation at 900°C as compared to the speed of oxidation at 800°C. There are 1 figure and 4 references: all non-Soviet-bloc. Reisman A., Berry M. and Merlin Berkenblit, J.Amer.Chem.Soc., 1957, 79, 2039. Ref.3: Goldsmidt H.J. J.Inst.Met., 1958-1959, 87, 255. Ref.4: Quoted in text.

X

ASSOCIATION: Ural'skiy gosudarstvennyy universitet im. A.M.Gor'kogo
(Ural State University imeni A.M.Gor'kiy)

SUBMITTED: July 17, 1961

Card 2/2

ACCESSION NR: AT4013963

S/2659/63/010/000/0264/0269

AUTHOR: Gerasimov, A. F.; Ushkova, T. V.; Shkerin, N.

TITLE: X-ray investigation of high-temperature oxidation of niobium-molybdenum-chromium alloys

SOURCE: AN SSSR. Institut metallurgii. Issledovaniya po zharoprovchnym splavam, v. 10, 1963, 264-269

TOPIC TAGS: niobium, molybdenum, chromium, oxidation, niobium oxidation, roentgenography, high temperature oxidation

ABSTRACT: The high rate of niobium oxidation interferes with its use as a structural material. Many investigations have recently been published on high-temperature niobium oxidation. In the present work, alloys containing niobium, molybdenum and chromium, prepared at the Institut metallurgii im. A. A. Baykova (Metallurgical Institute), were oxidized at temperatures between 800C and 1200C. In some tests kinetic measurements were made, while in all tests roentgenography was used to determine the content of the oxidized products. The X-rays were taken by the powder method in a standard apparatus, using a flat sample. It was found that the combination of niobium, molybdenum and chromium led to higher resistance against oxidation in the temperature range 800C to 1200C. The

Card 1/2

ACCESSION NR: AT4013963

X-ray analysis showed that during the oxidation of triple alloys, a scale of Nb₂O₅ formed on the pure niobium. This oxide appeared in two modifications, α and β , the presence of which leads to an unusually high rate of oxidation of Nb at 800C. Their effect of molybdenum and chromium on the oxidation of niobium is connected with the dissolution in the oxide lattice. Hypotheses are put forward about the mechanism of oxidation of niobium, as well as the oxidation of niobium alloys. Orig. art. has: 1 figure and 3 tables.

ASSOCIATION: Institut metallurgii AN SSSR (Institute of Metallurgy AN SSSR)

SUBMITTED: 00

DATE ACQ: 27Feb64

ENCL: 00

SUB CODE: MM

NO REF SOV: 003

OTHER: 006

Card 2/2

MEDNIKOV, F.A.; USHKOVA, Ye.V.; GOLUBEVA, N.N.

Using screw presses and gasoline for the extraction of resinous substances from fresh and old tar-impregnated wood. Trudy IMA no.87:39-47 '59.
(Gums and resins)

(MIRA 13:4)

MEDNIKOV, F.A., AKIMOVA, R.A., USHKOVA, Ye.V.

Processing of tar-impregnated wood in continuous screw units.
Gidroliz. i lesokhim.prom. 14 no.2:5-7 '61. (MIRA 14:3)

1. Leningradskaya lesotekhnicheskaya akademiya im. S. M. Kirova.
(Wood-Chemistry)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3

UŠMAKIN, Aleksandr Ivanovich, Col (Retired)

(See BELYAKOV, Aleksandr Vasil'yevich, and MUKHIN, V. M.)

SO: SUM 291, 2 Dec 1954

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

USHMANOV, L.

Moving-Picture Projection.

Increase the keeping qualities of film stock. Kinomekhanik no. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1959? Unclassified.

USHMANOV, L.

Moving Picture Projection

For better repair work, Kinomekhanik, No. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1952 Unclassified

USHMANOV, L.

Moving-picture Projection

Field brigade to aid motion picture network. Kinomekhanik no. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 Uncl.

1. USHMANOV, L.
2. USSR (600)
4. Photography - Films
7. Protection of film. Kinomekhanik, No. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

USHMANOV, L.

Moving-picture Projectors

Care of moving picture projectors. Kinomekhanik no. 11, 1952

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unc1.

1. USHMANOV, L.
2. USSR (600)
4. Moving-Pciture Projection
7. Staff of outstanding women inspectors of moving-picture films. Kinomekhanik, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3

USHMANOV, L. (gorod Sumy).

More attention to acoustics in moving-picture theaters. Kinomekhanik no.
5:29 My '53.

(MLRA 6:6)

(Architectural acoustics) (Moving picture theaters)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3

USHMANOV, L. (Khar'kov).

~~They are working for 1954. Kinomekhanik no.11:7 N '53.~~ (MLRA 6:11)
~~(Kharkov Province--Moving picture distribution)~~
~~(Moving picture distribution--Kharkov Province)~~

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

USHMANOV, L.

Answering the Party's call. Kinomekhanik no.12:8 D '53. (MLRA 6:12)
(Ukraine--Motion-picture projection) (Motion-picture
projection--Ukraine)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3

USHMANOV, L.

Wooden phonograph needles. Kinomekhanik no.1:43 Ja '55.
(Phonograph) (MIRA 8:2)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

USHMANOV, L.

Strict control of motion-picture projection places.
Pozh.delo 4 no.8:11 Ag '58.

(MIRA 11:9)

1. Starshiy kinotehnicheskiy inspektor, Khar'kov.
(Motion-picture projection--Safety measures)

USHMANOV, L.

The club works in the daytime. Sov. profsoiuzy 16 no.22:53 N
'60. (MIRA 14:1)

(Sumy--Community centers)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3

USHMANOV, L.G.; SEKRETTA, P.M.

This is how Soviet citizens conduct themselves. Voen.-med. zhur.
no. 6:73 Je '61. (MLb 14:2)
(WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

USHMAROVA, N. N., SHEVCHENKO, Z. G., TIMOFEEV, M. A. and STRAKHANOVA, E. V.

"Ixodid Ticks are Carriers and Vectors of Tularemia in Krasnodar Kray."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Krasnodar Kray Sanitation and Epidemiology Station and the Rostov-on-Don Antiplague Institute

ISGR/Diseases of farm animals. Diseases Caused by Viruses and Rickettsiae

Abs Jour : Def Sbir-Biol., No 1, 1952, 2722

Author : Brachev A. R., Ushmayev N. L.

Inst : Not given

Title : Experiment in applying Decreased Doses of Glyceric Crystal-Violet Vaccine in Swine Fever

Orig Pub : Veterinariya, 1957, No 2, 28-30

Abstract : In foci which were threatened by swine fever and suspected of it, 310,000 pigs were vaccinated twice with 0.5 milligrams of the vaccine if they were less than two months old and with one milligram of the vaccine if they were older. Sows were not vaccinated a week before they farrowed and five days after farrowing. According to observations, stable immunity occurs

Card 1/2

USHMAYEV, N.L.

Elimination of foot-and-mouth disease. Veterinariia 41 no.2:
28-31 F '65.
(MIRA 18:3)

1. Glavnnyy veterinarnyy vrach veterinarnogo otdela Krasnodarskogo krayevogo upravleniya preizvodstva i zagotovok sel'skokhozyaystvennykh produktov.

ALEKSANDROVSKIY, V.A.; NIKITIN, I.; ZHITKOV, A.M.; USHMAYEV, N.;
BRYAUSHNOV, P.N.; PORTNIK, Kh.; TARLAVSKAYA, S.A.;
ALIYEV, A.A.; KENIYA, T.

Information and brief news. Veterinaria 40 no.6:87-93
Je '63. (MIRA 17:1)

USSR/Medicine - Typhoid Oct 53

"Microbiological Investigation of Typhoid Cultures,"
B. P. Fervushin, A. D. Shcherbakova, N. N.
Ushmoreva, Z. S. Sserina; Kuban' Med Inst;
Krasnodar Inst of Epidemiol and Microbiol

Zhur Mikro Epid i Immun, No 10, p 87

Strains of typhoid bacilli isolated in 1947-9
had a high content of Vi-antigen. This antigen was
preserved for a long time in standard cultures
kept in storage. It proved possible to maintain

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a high Vi-antigen content by selection and to
bring back to the V-state cultures which had
acquired characteristics of W-strains. The
predominant phage types were D, F, and their
sub-types. The phage type may change not only
on nutrient media, but also in the organism.
For that reason one must be careful in phage
typing for epidemiological purposes.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3

USHNAYEV, F.M.

*Monetary wages in the Karl Marx Krai, Selenginsk District, the
Buryat A.S.S.R. Trudy BKNII no.5:110-123 '61.*

(MIRA 18:2)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

USHNURTSEVA, O.T.

Health of pupils in industrial training schools in Tashkent.
Med. zhur. Uzb. no. 11:83-89 N '58. (MIRA 13:6)

1. Iz Uzbekskogo nauchno-issledovatel'skogo sanitarnogo instituta (direktor - dotsent A.Z. Zakhidov).
(TASHKENT--MANUAL TRAINING--HYGIENIC ASPECTS)

USHNURTGEVA, O. T., Cand Med Sci (diss) -- "The physical development and state of health of those attending trade schools in the city of Tashkent from 1950 to 1956". Tashkent, 1959. 21 pp (Min Health Uzbek SSR, Tashkent State Med Inst), 250 copies (KL, No 12, 1960, 130)

GUBINA, A.A.; ZAKGEYM, Ye.N.; ZUSMANOVICH, V.M.; IVANOV, K.N.; LISITSYN, S.N.; MOZGOV, A.Ya.; PAVLOV, A.S.; PISKORSKIY, B.N. [deceased]; USHOMIRSKAYA, A.I.; FINKEL'SHTEIN, S.M.; CHISTOVSKIY, V.B.; SHER, S.Yu.; ADAMOV, O.V., nauchn. red.; BEYZERMAN, A.N., nauchn. red.; ZHIVOV, M.S., nauchn. red.; POGORELYY, P.P., nauchn. red.; STAROVEROV, I.G., nauchn. red.; STESHENKO, A.L., nauchn. red.; TSEYTLIN, M.M., nauchn. red.; KOKHANENKO, N.A., inzh., red.; VOLNYANSKIY, A.K., glav. red.

[Assembling interior sanitary equipment] Montazh vnutren-nikh sanitarno-tehnicheskikh ustroistv. Moskva, Stroiizdat, 1964. 725 p. (MIRA 17:8)

FORTUSHENKO, A.D., redaktor; USHOMIRSKAYA, M.M., redaktor; VEYNTRAUB,
A.B., tekhnicheskij redaktor

[60 years of radio; a collection of scientific and technical articles]
60 let radio; nauchno-tehnicheskii zhurnal. Moskva, Gos.
izd-vo lit-ry po voprosam sviazi i radio, 1955. 341 p. (MIRA 8:8)
(Radio)

BAZIS, Petr Ivanovich; GORBOVITSKIY, P.M., otvetstvennyy redaktor;
USHOMIRSKAYA, M.M., redaktor; SOKOLOVA, P.Ya. tekhnicheskiy redaktor

[Operaton and repair of L-3/2 and L-6/2 engines] Eksploatatsiya i
remont dvigatelei L-3/2, L-6/2. Moskva, Gos. izd-vo lit-ry po
voprosam sviazi i radio, 1956. 31 p. (MLRA 9:7)
(Gas and oil engines)

ANDREYEVSKIY, Mir Nikolayevich; USHOMIRSKAYA, M.M., inzhener redaktor;
TUBYANSKAYA, F.G., redaktor izdatel'stva; LEBEDEVA, L.A., tekhnicheskiy redaktor

[Construction of decimeter and meter wave generators] Konstruktsii generatorov detsimetrovых i metrovых voln. Moskva, Gos. izd-vo obor. promyshl., 1956. 131 p.
(Oscillators, Electric) (MLRA 9:8)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3

KALASHNIKOV, N.I., redaktor; USHOMIRSKAYA, M.M., redaktor; VAYNTRAUB, A.B.,
tekhnicheskiy redaktor _____

[Radio relay systems; a collection of translated articles] Radio-
releinyye linii; sbornik perevodnykh statei. Moskva, Gos. izd-vo
lit-ry po voprosam sviazi i radio, 1956. 145 p. (MLRA 9:7)
(Radio relay systems)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

УШОМИРСКАЯ, М.М.

SAMOYLOV, G.P.; USHOMIRSKAYA, M.M., redaktor; LEDNEVA, N.V., tekhnicheskiy redaktor.

[Remote reception of television transmissions] Dal'niy priem televizionnykh peredach. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1956. 199 p. (MLRA 10:6)
(Television--Receivers and reception)

U.S. NOVEMBER 1957
AGEYKIN, Dmitriy Ivanovich; KOLOSOV, Sergey Petrovich; UDALOV,
Nikolay Petrovich; USHOMIRSKAYA, M.M., inzhener, redaktor;
SUVOROVA, I.A., redaktor; LEBEDEVA, L.A., tekhnicheskiy redaktor

[Manual for designing elements in automatic control; a
textbook for courses in designing] Rukovodstvo po proektirovaniu
elementov avtomatiki; posobie po kursovomu proektirovaniu.
Moskva, Gos. izd-vo obor. promyshl. Pt.1. 1957. 135 p.

(Automatic control)

(MLRA 10:5)

SAMOYLOV, G.P.; KURDOV, L.I., otvetstvennyy redaktor; POZDNYAKOV, L.P.,
otvetstvennyy redaktor; USHOMIRSKIYA, M.M., redaktor; LIDNEVA,
N.V., tekhnicheskiy redaktor

[Long-distance reception of television broadcasts] Dal'niy priem
televizionnykh peredach. Moskva, Gos.izd-vo lit-ry po voprosam
sviazi i radio, 1957. 199 p.
(MLRA 10:7)
(Television--Receivers and reception)

USHOMIRSKIY, B.

Ideas, projects and turbines. Sov. profsoiuzy 20 no.1:30-31 Ja
'64.
(MIRA 17:2)

1. Organizator profsoyuznoy gruppy byuro regulirovaniya otdela glavnogo
konstruktora gidroturbin Khar'kovskogo turbinnogo zavoda imeni Kirova.

USHPALIS, K. K.

"Incomplete Separation of Variables in the Case of Equivalent Electrons."
Cand Phys-Math Sci, Vil'nyus State U, Min Higher Education USSR, Vil'nyus,
1955. (KL, No 12, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institutions (15)

USSR/Atomic and Molecular Physics - Physics of the Atom.

D-1

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 11358

Author : Yunsis, A.P., Ushpalis, K.K., Kavetskis, V.I., Levinson, I.B.

Inst : Vilnius University, USSR

Title : Total Dipole Strength in the Approximation of Incomplete Separation of Variables for Two-Electron Atoms.

Orig Pub : Optika i spektroskopiya, 1956, No 5, 601-605

Abstract : The strength of the dipole transitions $1s^2 \rightarrow 1s2p$, $2s^2 \rightarrow 1s2p$, $2p^2 \rightarrow 1s2p$ are calculated for He, Li⁺ and Be²⁺. For the states $n\ell^2$, the authors employ wave functions with incomplete separation of variables, including the factor

$$\mu_1 + \mu_2 r_{12} + \mu_3 (r_1 + r_2). \text{ The } 1s2p \text{ state is described}$$

Card 1/2

USSR/Atomic and Molecular Physics - Physics of the Atom.

D-1

Abs Jour : Ref Zhur - Fizika, No 5, 1957, 11358

in the approximation of total separation of variables. The parameters of the analytic wave functions are taken from previous works. It is noted that two-electron transitions are possible when using incomplete separation of variables. For the transition $2s^2$ -- $1s2p$ the authors obtained dipole strengths of 0.4, 0.01 and 0.002 for He, Li^+ , and Be^{2+} respectively. For the singlet transitions $2p^2$ -- $1s2p$, the use of incomplete separation of variables leads to a very substantial reduction in the dipole strength. As the charge of the nucleus increases, the change becomes less.

Card 2/2

USSR/Atomic and Molecular Physics - Atomic Physics
Ushpalise, K.K.

D-1

Abs Jour : Ref Zhar - Fizika, No 4, 1957, No 8924

Author : Ushpalise, K.K., Yanagis, V.V., Radomysel'skiy, S.I.,
Iutsis, A.P.

Orig Pub : Liet. SSR mokslin Akad. darbai, Tr. AN Lit SSR, 1956, 5B, 11-20

Abstract : The correction coefficient, used in the case of two electrons, is extended to include the case of any number of electrons

$$J = (r_1 r_2 \cdots r_N) = \mu_1 + \mu_2 \sum_{i>1}^N r_{1i} + \mu_3 \sum_{i=1}^N r_i,$$

where N is the number of electrons, in whose wave function the variables are not completely separated, r_{12} is the distance between the electrons, r_{1i} is the distance between the electron and the nucleus, and μ_i ($i = 1, 2, 3$) are constants. A general expression is obtained for the energy in terms of the radial integrals in the case of any number of equivalent electrons. The values of the coefficient in these integrals are given in the case of any number of equivalent p-electrons.

Numerical results are given for the application of the method of incomplete separation of variables to atoms of the lithium, beryllium, boron, and carbon type in configurations, in which all the electrons are in the two p shell.

Card

: 1/1

VANAGAS, V.V.; GLEMBOTSKIY, I.I.; USHPALIS, K.K. [Ushpalis, K.]; YUTSIS,
A.P., red.; YAKOVKIN, M.V., red.; POPOVA, N.S., tekhn.red.

[Tables of radial integrals of the theory of atomic spectra]
Tablitsy radial'nykh integralov teorii atomnykh spektrov. Pod
red. A.P. Iutsisa. Moskva, Vychislitel'nyi tsentr Akad. nauk
SSSR, 1960. 380 p.
(MIRA 14:4)
(Atomic theory--Tables, etc)

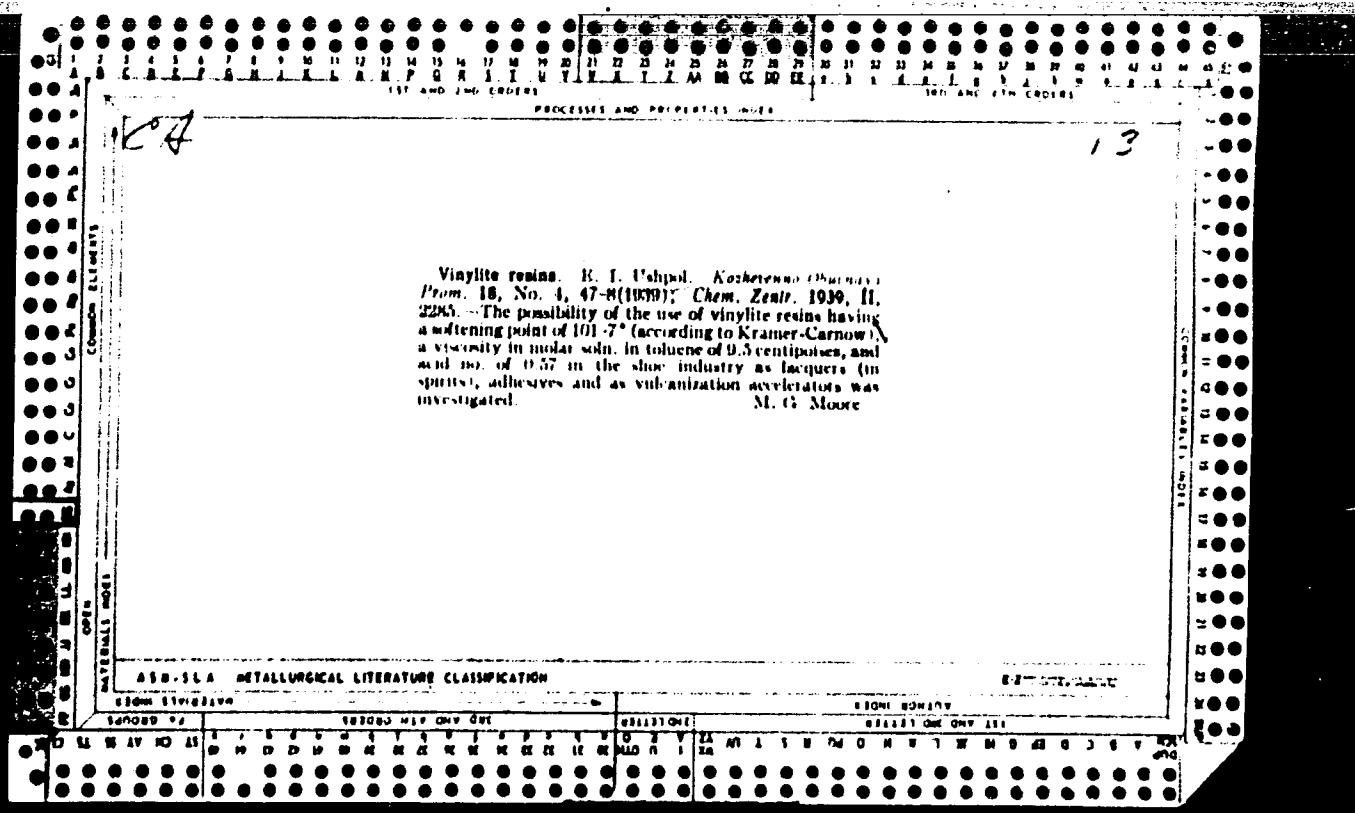
VANAGAS, V.V. [Vanagas V.]; USHPALIS K.K. [Uspalis, K.]; CLEMBOTSKIY, I.I.
[Glembockis, J.]

Computation of radiation integrals found in the theory of atomic
spectra. Liet ak darbai B no.1:31-40 '60. (EEAI 9:10)

1. Institut fiziki i matematiki AN Litovskoy SSR i Vil'nyusskiy gos.
universitet im. V.Kapsukasa.
(Atomic spectra) (Radiation)

USHPIK, Nikolay Gavrilovich

Vorkuta. Syktyvkar, Komi knizhnoe izd-vo, 1964. 52 p.
(KIRA 19:1)



USHTINSKAYA, R. S.

32427. USHTINSKAYA, R. S. Napravleniya nekotorykh protsessov, protekayushchikh v tele nasekomykh pri nizkoy temperaturе. Doklady Akad. nauk SSSR, Novaya seriya, t. LXVIII, No. 6, 1949, s. 1101-04.---Bibliogr: 13 naiv.

SO: Letopis Zhurnal' n kh Statej, Vol. 44

USHUROV, Tursun; GORDIYENKO, N.S., kand. sel'skokhozyaystvennykh nauk, red.; NAZARENKO, L.I., red.; KOZLOV, S.V., tekhn. red.

[First success in the campaign for good corn yields] Pervye uspekhi v bor'be za vysokie urozhai kukuruzy. Pod red. N.S. Gordienko. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (MIRA 11:7)

1. Zven'yevoy kolhoza imeni Kaganovicha Panfilovskogo rayona Taldy-Kurganskoy oblasti (for Ushurov).
(Kazakhstan--Corn (Maize))

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3

USHNUTSEVA, E. T., SHRAYBER, L. R., VV. ERKIV, VV. ..., KALONYAKH, A. G.,
SI CHOVICH, G. D.

"On the toxicological evaluation of certain chemically harmful
substances which act in small concentrations."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

GOGIBEDASHVILI, V.G.; USHVERIDZE, G.A.; KORDZAKHIYA, M.O.

Some problems in the climatic classification of health resorts in
the U.S.S.R.; critical comments on L.A.Chubukov's and E.M.Il'icheva's
article "Basic principles for the classification of climactic
health resorts in the U.S.S.R." Vop. kur., fizioter. i lech. fiz.
kul't. 24 no.6:547-551 N-D '59. (MI:R 15:1)

1. Iz Instituta kurortologii Gruzinskoy SSR (dir. - prof. V.G.
Gogibedashvili).
(HEALTH RESORTS, WATERING PLACES, ETC.)

9,9862

32144
S/675/60/000/004/003/005
D298/D304

AUTHORS: Ushveridze, G.A. and Datebashvili, D.Ya.

TITLE: The "DU-2" ultraviolet radiation dosimeter

SOURCE: Konferentsiya po biologicheskому deystviyu ul'trafioletovogo izlucheniya. Leningrad, 1958. Ul'trafioletovye izlucheniye solntsa i yego ispol'zovaniye dlya profilakticheskikh i lechebnykh tseley; trudy konferentsii. no. 4. Leningrad, 1960, 89-93. At head of title: Ministerstvo zdravookhraneniya RSFSR. Institut radiatsionnoy gigiyeny.

TEXT: In 1956 the Institut kurortologii Gruzii (Institute of Natural Medicinal Factors of Georgia) designed the AY-2 (DU-2) dosimeter for measuring the intensity or dose of ultra-violet radiation of the sun and artificial light sources (quartz lamps). The dosimeter can be used in resort practice, in quartz lamp

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S/675/60/000/004/003/005

D298/D304

The "DU-2" ultraviolet ...

treatment, in hygiene, in resort climatology, in zootechnics and in certain branches of physics. The instrument enables differential measurements to be made of the three main sections of the ultra-violet spectrum: 320-400, 280-320 and 240-280 μ . These ranges are conventionally designated A, B and C. The instrument consists of receiving and measuring sections with an additional unit of 5 dry batteries for field work. The receiving section consists of an antimony-cesium photocell sensitive in the 260-550 μ range; a cadmium photocell sensitive in the 240-320 μ range; Y Φ C -3(UFS-3), Y Φ C-2(UFS-2) and BC -3(BS-3) filters with bandpass ranges of 270-390, 300-400 and above 270 μ . The measuring section consists of an electro-magnetic relay, an electro-magnetic counter, condensers, a neon lamp, a rectifier-transformer, an electric bell and various switches. Ultra-violet rays strike the photocell and generate a current which charges a condenser. When a certain voltage is reached, the condenser

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S/675/60/000/004/003/005
D298/D304

The "DU-2" ultraviolet ...

discharges and activates the electromagnetic counter via the relay. The higher the ultra-violet radiation, the more rapid will be the charging and discharging of the condenser and, consequently, the faster the counter turns. Differential measurement of the various ranges is effected as follows: The C range with the cadmium photocell without filters; the B range with the cadmium photocell plus BS-3 filters; the A range with antimony-cesium photocell and UFS-3 filter. Solar or quartz lamp radiation can be determined by measuring the general ultra-violet radiation with the antimony-cesium photocell and the UFS-2 filter. The receiving section has a device for determining the height of the sun in degrees so that the unit can be set in a position horizontal or perpendicular to the source of radiant energy. The apparatus weighs less than 2 kg, can be powered from the grid or from dry batteries and has the following dimensions; receiving section - 80 x 60 x 100 mm, measuring section - 150 x 110 x 100 mm. The advantages of the apparatus over similar models are:

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The "DU-2" ultraviolet ...

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Differential measurement of the A, B and C ranges; it determines both the intensity of ultra-violet radiation and the sum of radiant energy over any period of time; it is simple, portable, small, light, easy to use and cheap to operate. The DU-2 has been tested in health resort and physiotherapy practice and has been approved by scientific institutions of the Gruzinskaya SSR. It was found to correspond entirely to its designation. There is 1 figure.

Card 4/4

USHVERIDZE, G.A., kand. med. nauk; VANIDZE, TS., red. izd-va; KHUTSISHVILI, V.;
tekhn. red.

[Abastumani Health Resort and its therapeutic characteristics] Ku-
royt Abastumani i ego lechebnye svoistva. Tbilisi, Gos. izd-vo
"Sabchota Sakartvelo, " 1960. 78 p. (MIRA 14:9)
(ABASTUMANI—HEALTH RESORTS, WATERING PLACES, ETC.)

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CIA-RDP86-00513R001858130002-3

USHVERIDZE, G.A., kand.meditinskikh nauk

Fifth session of the Institutes of Health Resort Science and Physical Therapy of the Georgian, Azerbaijan, and Armenian S.S.R. Vop. kur., fizioter. i lech. fiz. kul't. 25 no.2:185-188 Mr-Apr '60.

(MIR 13:9)

(CAUCASUS--THERAPEUTICS)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858130002-3"

USHVERIDZE, G.A., kand.med.nauk

Conference on research and practice on problems in climatherapy at
Georgian Health resorts. Vop. kur. fizioter. i lech. fiz. kul't.
25 no. 3:280-281 My-Je '60. (MIRA 14:4)
(GEORGIA—CLIMATOLOGY, MEDICAL)